

ATGATG GCT GCA GGC CCC CGG AOC TOC CTG CTC CTG GCT TTC GOC CTG CTC TGC CTG CCC  
M M A A G P R T S L L L A F A L L C L P

-20

10

TGG ACT CAG GTG GTG GGC GOC TTC CCA GOC ATG TOC TTG TOC GGC CTG TTT GOC AAC GCT  
W T Q V V G A F P A M S L S G L F A N A

1

10

----- Helix I -----  
GTG CTC CGG GCT CAG CAC CTG CAT CAG CTG GCT GCT GAG AOC TTC AAA GAG TTT GAG CGC  
V L R A Q H L H Q L A A D T F K E F E R

20

30

AOC TAC ATC CCG GAG GGA CAG AGA TAC TOC ATC CAG AAC AOC CAG GTT GOC TTC TGC TTC  
T Y I P E G Q R Y S I Q N T Q V A F C F

40

50

----- Helix II -----  
TCT GAA AOC ATC CCG GOC CCC AOC GGC AAG ATG GAG GOC CAG CAG AAT CAG AAT GAG GAG  
S E T I P A P T G K N E A Q Q K S D L E

60

70

-----  
CTG CTT CGC ATC TCA CTG CTC CTC ATC CAG TOG TGG CTT GGG OCC CTG CAG TTC CTC AGC  
L L R I S L L L I Q S W L G P L Q F L S

80

90

AGAGTC TTC AOC AAC AGC TTG GTG TTT GGC AOC TOG GAG CGT GTC TAT GAG AAG CTG AAG  
R V F T N S L V F G T S D R V Y E K L K

100

110

----- Helix III -----  
GAC CTG GAG GAA AGG ATC CTG GOC CTG ATG CGG GAG CTG GAA GAT GGC AOC CCC CGG GCT  
D L E E R I L A L M R E L E D G T P R A

120

130

GGG CAG ATC CTC AAG CAG AOC TAT GAC AAA TTT GAC ACA AAC ATG GGC AGT GAG GAG GGC  
G Q I L K Q T Y D K F D T N M R S D D A

140

150

----- Helix IV -----  
CTG CTC AAG AAC TAC GGT CTG CTC TCC TGC TTC CGG AAG GAC CTG CAT AAG AOC GAG AOC  
L L K N Y G L L S C F R K D L H K T E T

160

170

TACCAG AGG GTC ATG AAG TGC CGC CGC TTC GGG GAG GOC AGC TGT GOC TTC TAG  
Y L R V M K C R R F G E A S C A F END

180

190

FIG. 1

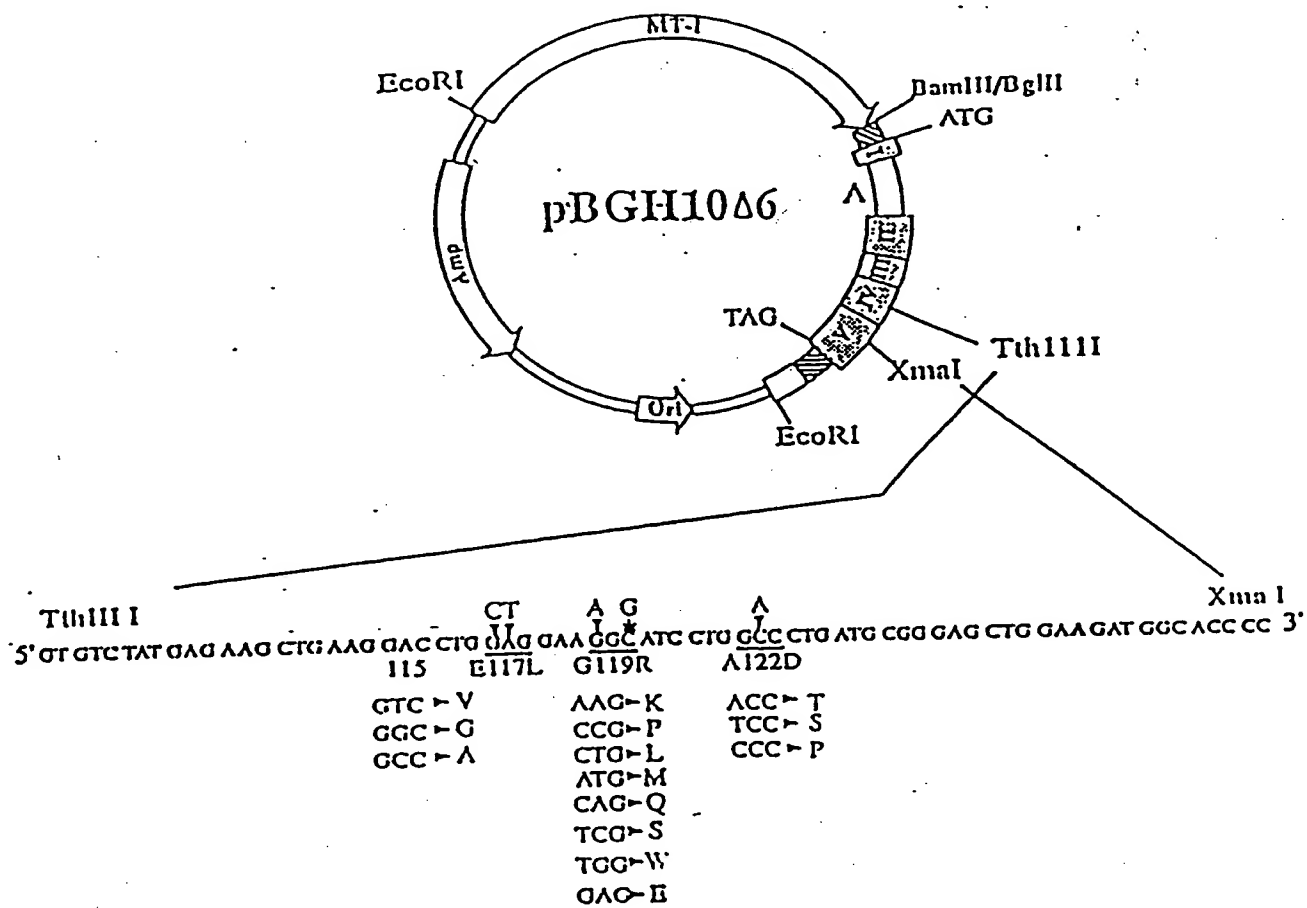


FIG. 2

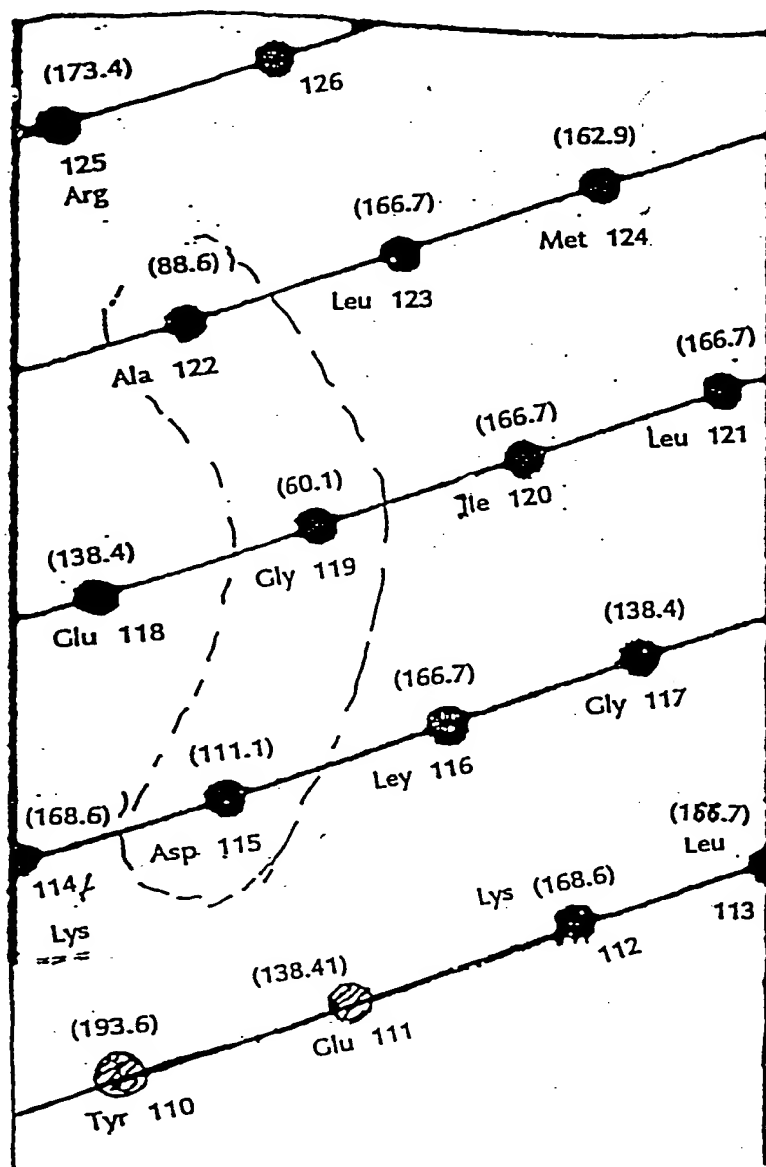


FIG. 3

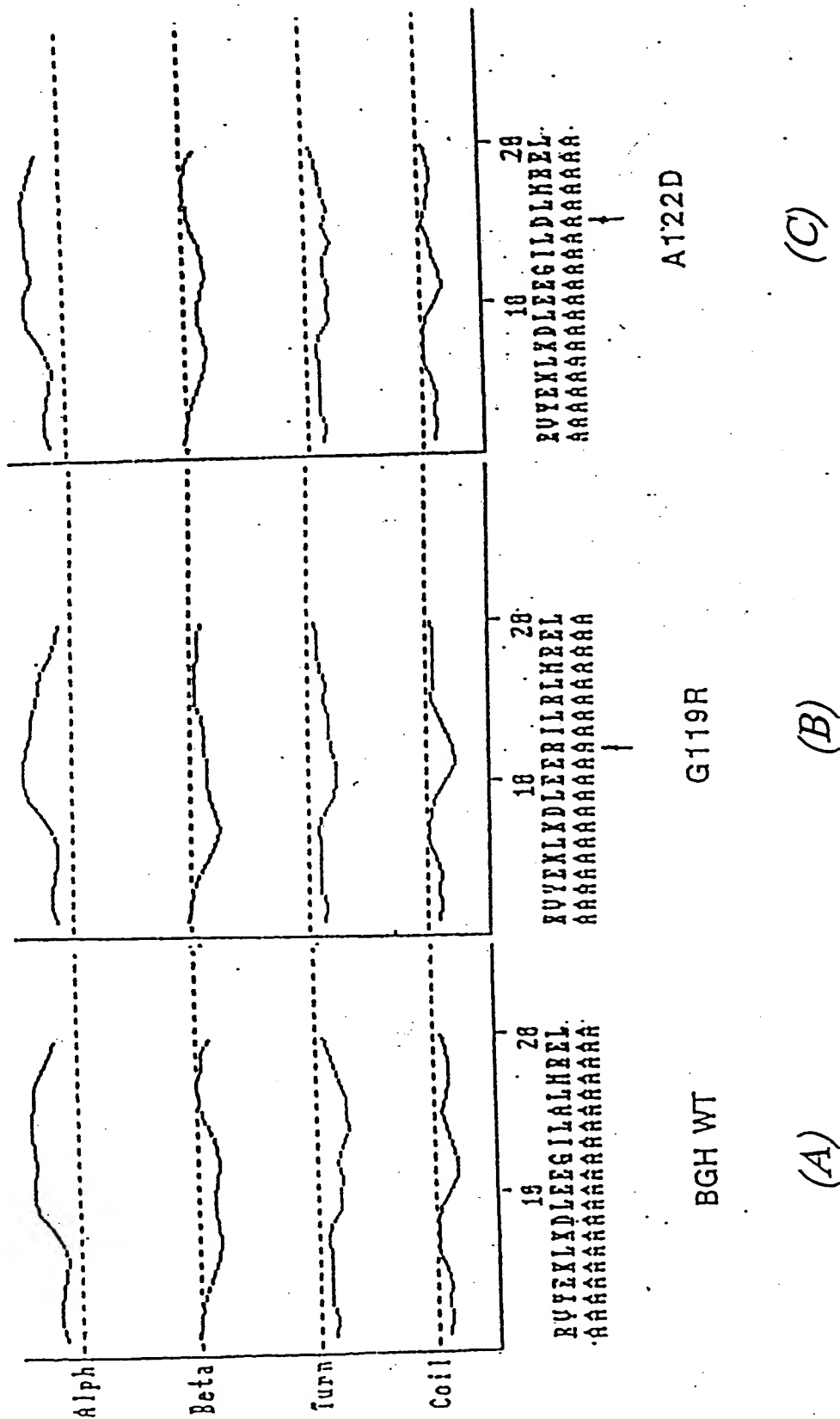


FIG. 4

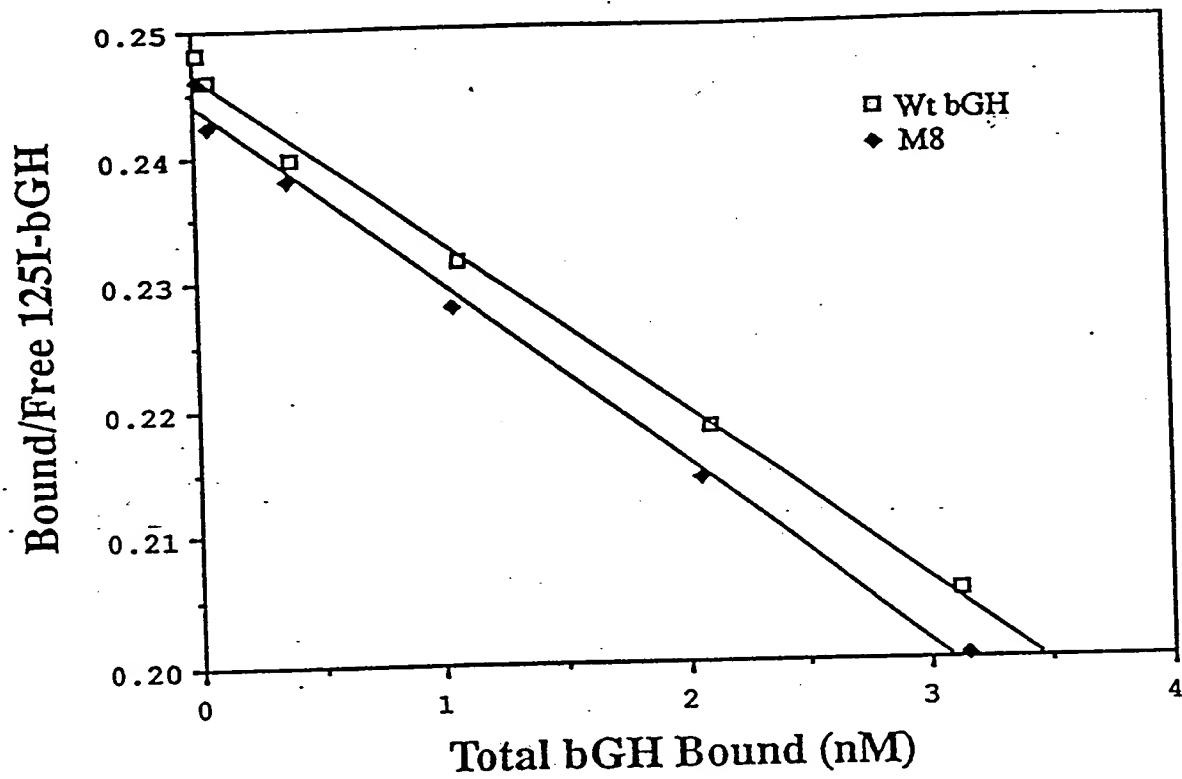


FIG. 5

On going study at position 119 of bGH  
Female

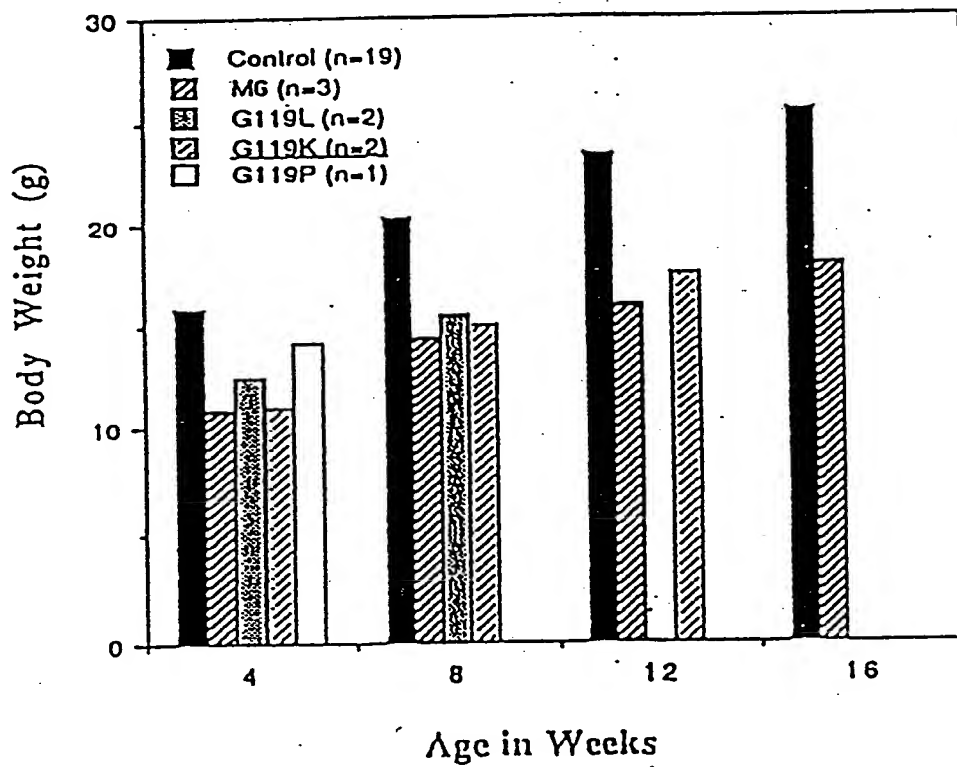


FIG. 6

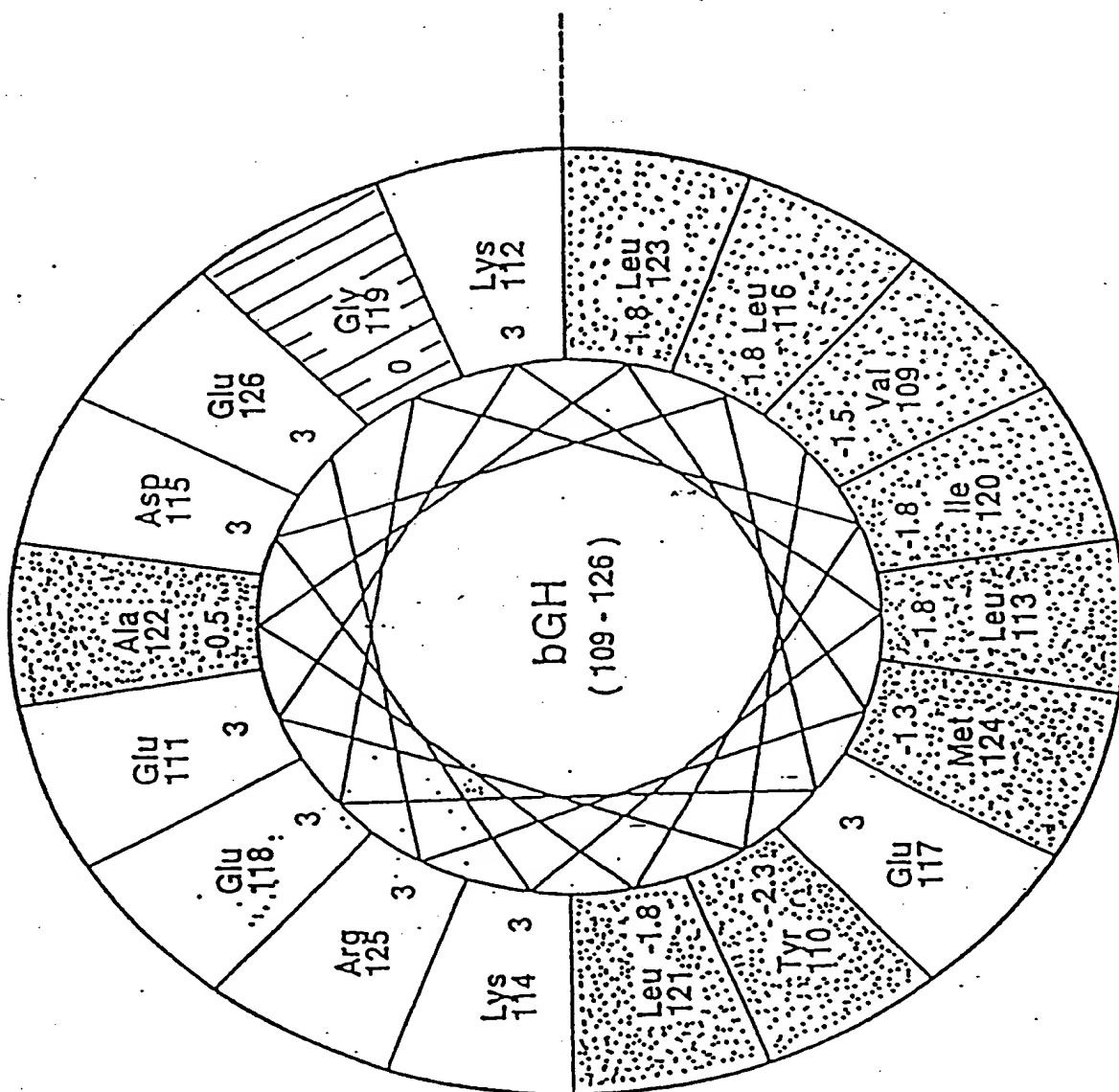


FIG. 7

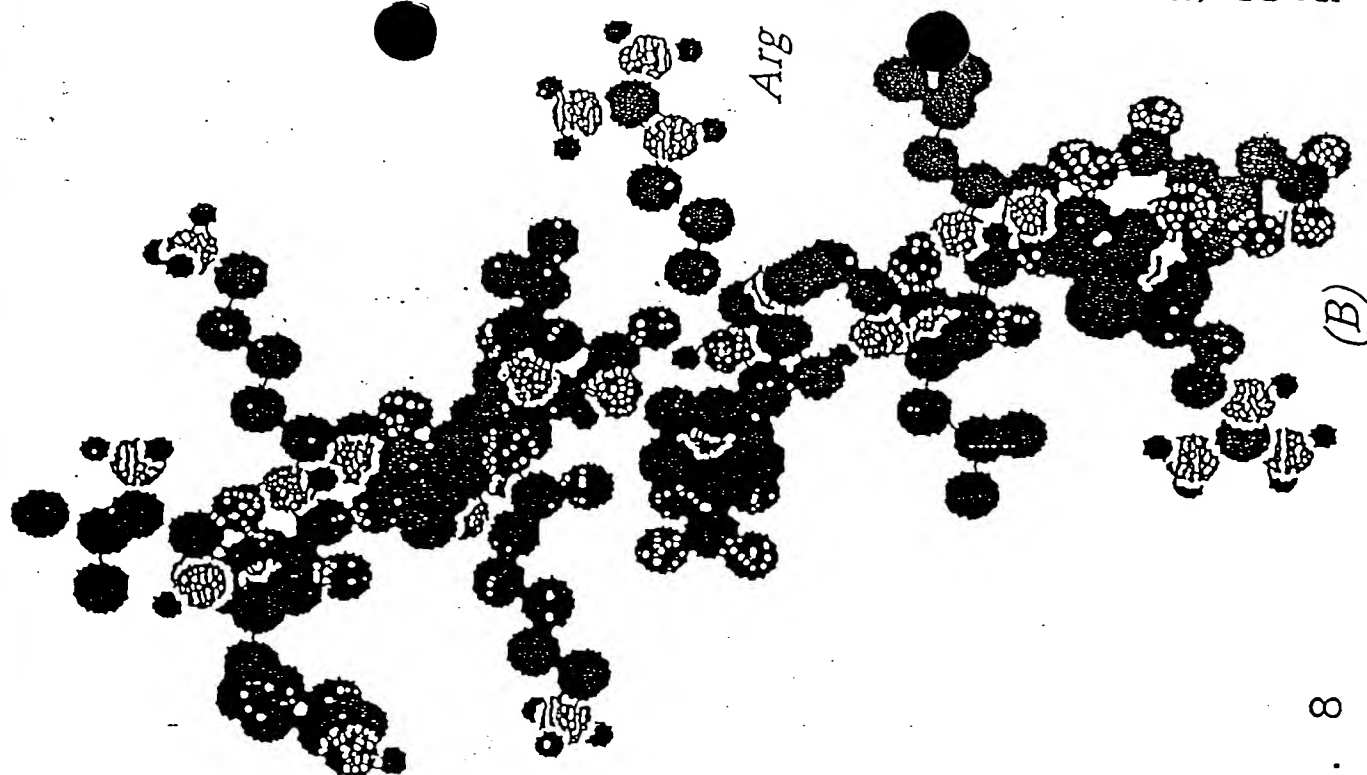


FIG. 8



## Clinical Chemistry of Transgenic Mice

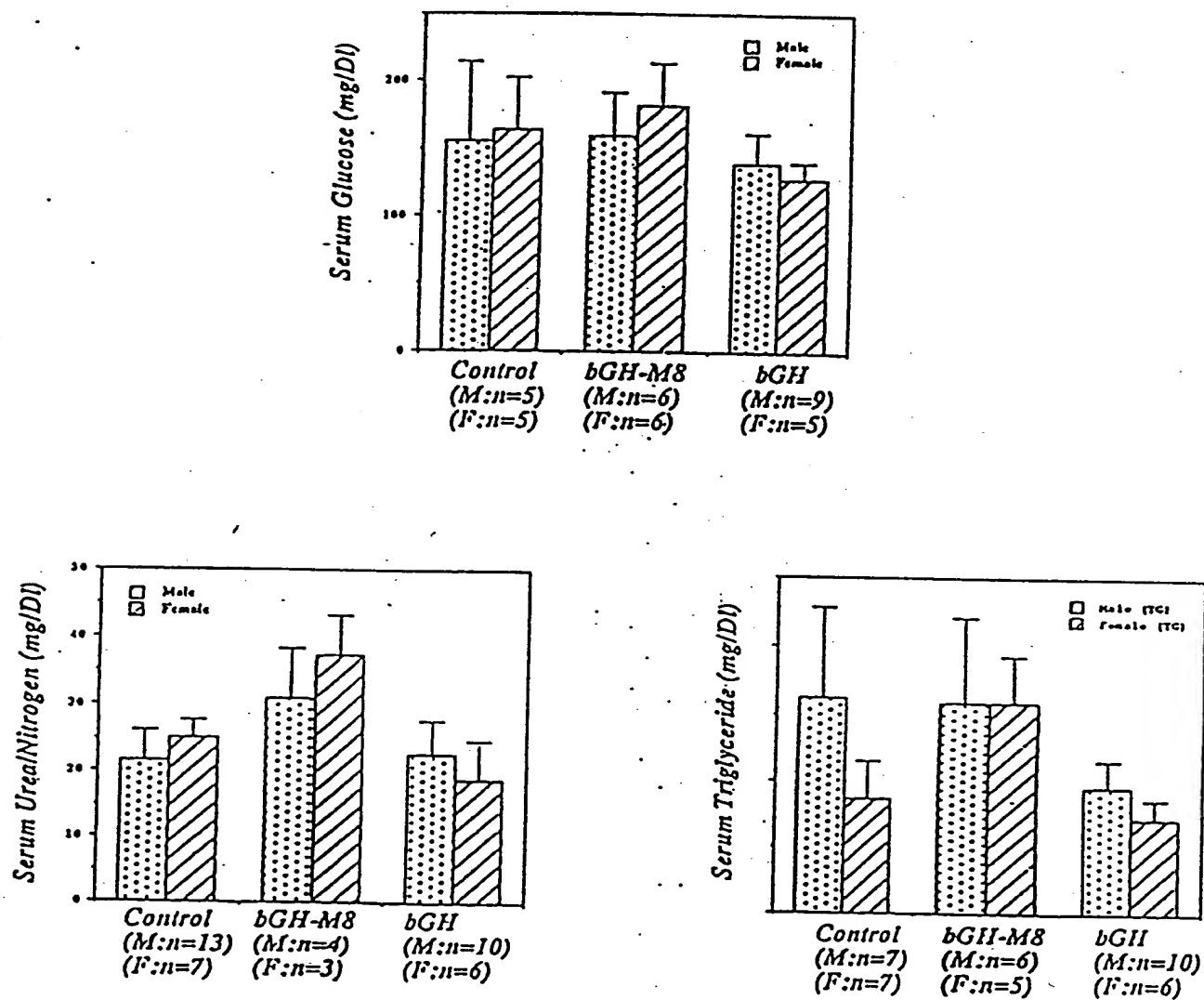


FIG. 9

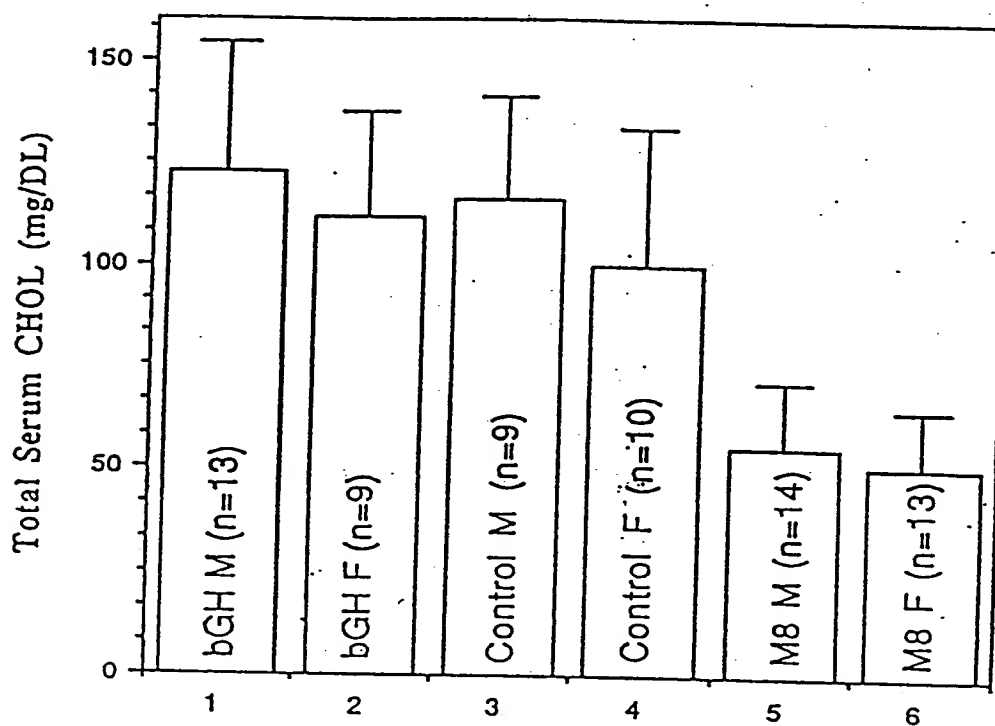


FIG. 10

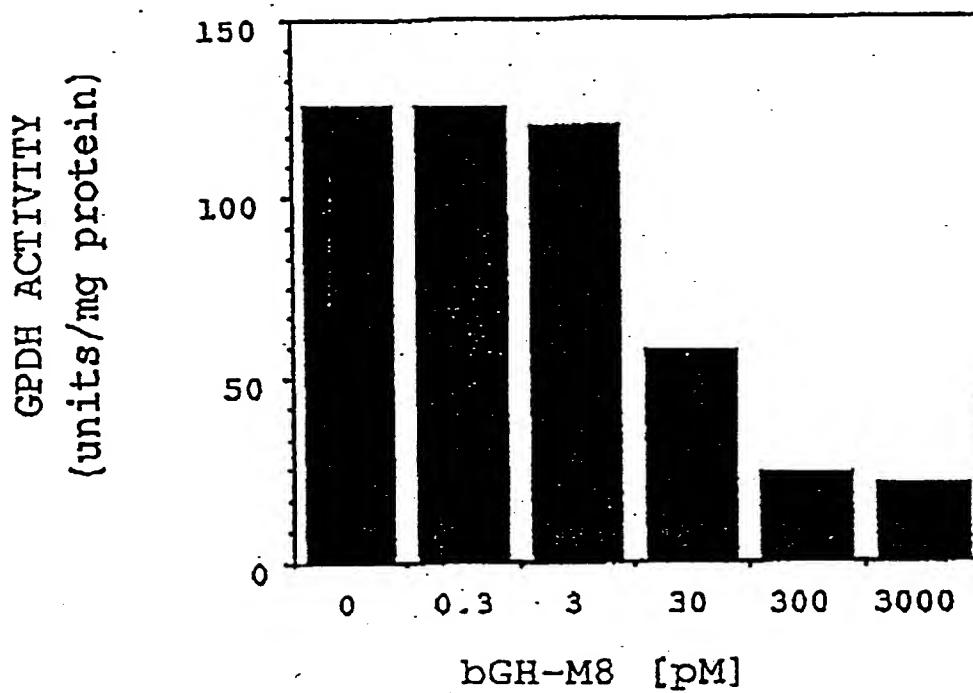


FIG. 11

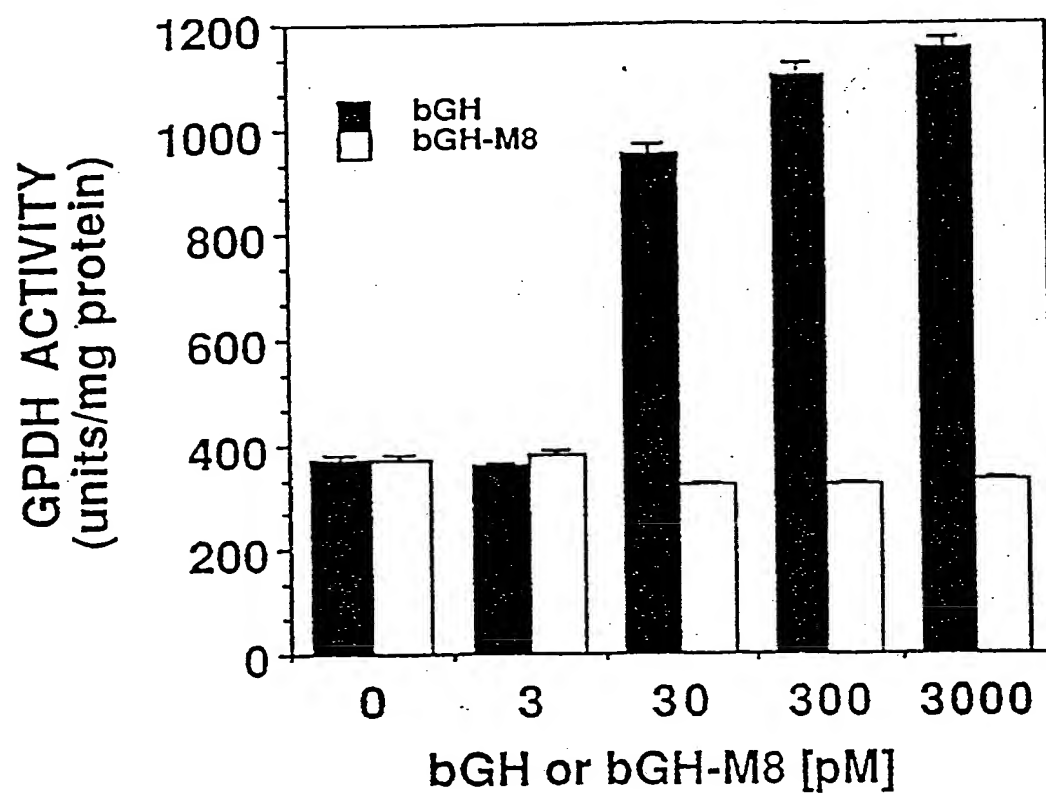


FIG. 12

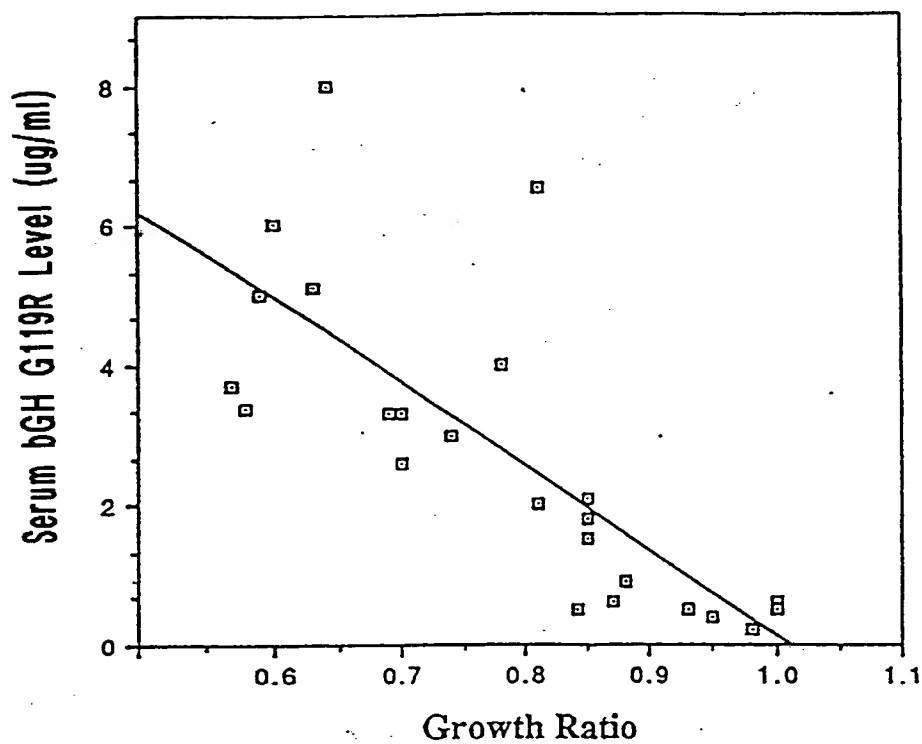


FIG. 13

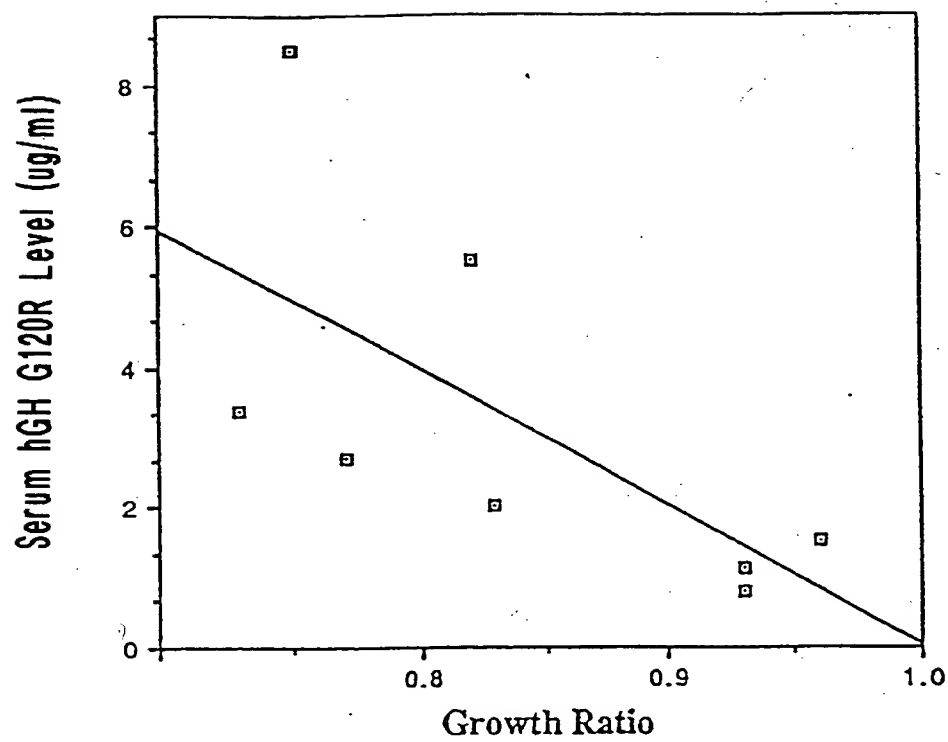


FIG. 14